1862MNRAS..22...94M

Additions and Corrections to the Observations of Comet II., 1861. By the Rev. R. Main, Radcliffe Observer.

By inadvertence the observations of 1861, August 29, were omitted; they are as follows:—

	Greenwich M.T. h m s	Apparent R.A. h m s	Apparent N.P.D. ° ′ ″
Aug. 29	8 32 31·3	15 30 57·77	46 12 12·6
	8 47 28·0	15 31 0·90	46 12 11·6
	9 10 4·4	15 31 1·17	46 12 33·4

The following corrections are to be made:—

Page 51, July 5. The N.P.D.'s opposite the 2d and 3d observations of this day belong to the 3d and 4th observations.

Page 52, Aug. 6, 3d observation, the Greenwich mean time should be $11^h\ 38^m\ 20^s{\cdot}0$, instead of $11^h\ 38^m\ 2^s{\cdot}0$.

Page 54, July 14, 15, 16. The places of the two anonymous stars set down are only approximate, and have not been employed in the reductions.

Page 54, Aug. 19. *For* Radcliffe 3387, *read* Radcliffe 3385.

Radcliffe Observatory, Oxford,
1862, *Jan.* 20.

Observations and Elements of Comet III., 1861. Communicated by G. P. Bond, Director of the Observatory of Harvard College, Cambridge, U.S.

A telescopic comet was discovered at this observatory by Mr. H. P. Tuttle, at 3 A.M. Dec. 29th. The following observations and elements have been obtained:—

Observations of Comet.

[By a provisional reduction.]

	Cambridge M.T. h m s	R.A. h m s	Decl. ° ′ ″
1861, Dec. 28	18 25 34	14 12 55·3	−5 12 39
„ „ 30	18 20 16	14 15 29·9	−1 24 42
1862, Jan. 1	18 37 18	14 18 39·0	+3 9 31

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1862MNRAS..22...95.

The following elements have been computed by T. H. Safford, Assistant at the Observatory:—

1861, Washington M.T. Dec 6·9867.
log q = 9·92400.
ω* = 331° 39'·10
☊ = 145° 8'·78, App. Eq., Jan. 1, 1862.
i = 41° 58'·40
Motion retrograde.

* Distance of the perihelion from the ascending node in the direction of motion.

The middle observation is represented as follows:—

	C — O.
$\delta\lambda \cos\beta$	+0'·19
$\delta\beta$	+0'·03

The subjoined Ephemeris may, perhaps, be useful for the reduction of observations:—

18^h Washington.	Comet's R.A.	Comet's Decl.	Log. Δ.
	° '	° '	
1862, Jan. 1	214 40	+ 3 8	9·775
3	215 37	8 36	9·714
5	216 49	15 9	9·675
7	218 19	22 59	9·638
9	220 18	32 3	9·609

About the 20th instant it will approach the north pole.

Observatory of Harvard College,
Jan. 3d, 1862.

The same Comet was observed at Pulkova:—

8th Jan. 1862 $14^h 21'$ M.T. R.A. $218^h 49^m$ Decl. 25° 22' N.

And at Altona:—

	M.T.	R.A.	Decl.
	h m s	h m s	° '
18th Jan.	7 28 0	16 29 35	73 21 N.
19th „	6 23 45	17 9 37	76 42 N.

Minor Planet (59).

The name *Olympia* has been given to this planet.

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